

Title (en)  
Induction-heated roller apparatus

Title (de)  
Induktionsbeheizte Walzvorrichtung

Title (fr)  
Appareil de rouleau chauffé par induction

Publication  
**EP 2897443 B1 20160504 (EN)**

Application  
**EP 15150933 A 20150113**

Priority  
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• JP 2014095498 A 20140502

Abstract (en)  
[origin: EP2897443A1] The present invention intends to eliminate the need for a temperature detecting element adapted to measure the temperature of a roll main body in an induction-heated roller apparatus, and includes: an impedance calculation part 61 that calculates the impedance of a winding 32; a relational data storage part 63 that stores relational data indicating the relationship between the impedance of the winding 32 and the temperature of the roll main body 2; and a roll temperature calculation part 64 that calculates the temperature of the roll main body 2 from the impedance obtained by the impedance calculation part 61 and the relational data stored in the relational data storage part 63.

IPC 8 full level  
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Cited by  
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DOCDB simple family (publication)  
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